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**From:** Thayer, Kris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3CE4AE3F107749C6815F243260DF98C3-THAYER, KRI]  
**Sent:** 10/17/2018 4:58:12 PM  
**To:** Vandenberg, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]; Luben, Tom [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=46cb3b80168845c596cb089e872a2c41-Luben, Tom]  
**Subject:** RE: any insights from Tampa meeting?

Agree!

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**From:** Vandenberg, John  
**Sent:** Wednesday, October 17, 2018 12:54 PM  
**To:** Luben, Tom <Luben.Tom@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>  
**Subject:** RE: any insights from Tampa meeting?

Sounds very good. Thanks!

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**From:** Luben, Tom  
**Sent:** Wednesday, October 17, 2018 12:43 PM  
**To:** Vandenberg, John <Vandenberg.John@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>  
**Subject:** RE: any insights from Tampa meeting?

Hi John,

The meeting went well.

There was no discussion of causality or causal analysis. In fact, the focus was on what risk assessors need from epidemiology studies in order for those studies to be useful in a risk assessment, and what can we ask epidemiologists to do/include in their studies to make them more useful.

There was not much controversial, or many opposing views, in my opinion.

Tom

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**From:** Vandenberg, John  
**Sent:** Wednesday, October 17, 2018 8:52 AM  
**To:** Thayer, Kris <thayer.kris@epa.gov>; Luben, Tom <Luben.Tom@epa.gov>  
**Subject:** any insights from Tampa meeting?

Tom and Kris,

I'm interested to hear about the Tampa meeting. Anything surprising? Anything concerning?

I'm particularly interested in hearing if 'causality' or 'causal analysis' was discussed insofar as epi data informs causal determinations. I anticipate issues arising with CASAC.

Sorry I couldn't make it - glad you two are there.

**Personal Matters / Ex. 6**

and then an advisory meeting in Portland early next week.

Safe travels for you.

John

John Vandenberg, PhD

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